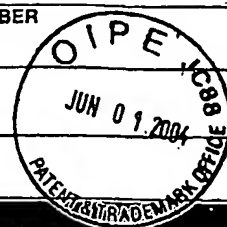


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| <b>FORM PTO-1449 (Modified)</b><br><br><b>LIST OF INFORMATION PROVIDED BY APPLICANT</b><br>(Use several sheets if necessary) | <b>ATTY. DOCKET NO.</b><br>TS5581 | <b>APPLICATION NUMBER</b> |
|  | <b>APPLICANT</b><br>N. J. Adams   |                           |
|  | <b>FILING DATE</b>                | <b>GROUP ART UNIT</b>     |



| U.S. PATENT DOCUMENTS |                  |              |           |          |                |          |                            |
|-----------------------|------------------|--------------|-----------|----------|----------------|----------|----------------------------|
| REFERENCE DESIGNATION | Examiner Initial | Document No. | Date      | Patentee | Class          | Subclass | Filing Date If Appropriate |
|                       | PS               | AA           | 4,575,416 | 3/11/86  | Chester et al. | 208      | 111                        |
|                       |                  | AB           |           |          |                |          |                            |
|                       |                  | AC           |           |          |                |          |                            |
|                       |                  | AD           |           |          |                |          |                            |
|                       |                  | AE           |           |          |                |          |                            |
|                       |                  | AF           |           |          |                |          |                            |
|                       |                  | AG           |           |          |                |          |                            |

| FOREIGN PATENT DOCUMENTS |    |                 |          |         |       |          |                    |
|--------------------------|----|-----------------|----------|---------|-------|----------|--------------------|
|                          |    | Document No.    | Date     | Country | Class | Subclass | Translation Yes No |
| PS                       | AL | WO 92/01769     | 2/6/92   | World   | C10G  | 73/38    |                    |
| PS                       | AM | WO 96/41849     | 12/27/96 | World   | C10G  | 45/64    |                    |
| PS                       | AN | WO 02/070629 A1 | 9/12/02  | World   | C10G  | 65/12    |                    |
|                          | AO |                 |          |         |       |          |                    |

| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |    |  |
|--|----|--|
| PS   | AR | <i>Verified Syntheses of Zeolitic Materials, Second Revised Edition</i> , Harry Robson, Editor, Karl Petter Lillerud, XRD Patterns, Published on behalf of the Synthesis Commission of the International Zeolite Association by Elsevier |
| PS   | AS | "Superactive Crystalline Aluminosilicate Hydrocarbon Catalysts," by P. B. Weisz and J. N. Miale, <i>Journal of Catalysis</i> , Volume 4, Number 4, August 1965   |
| PS   | AT | "VS-12: A Novel Large-Pore Vanadium Silicate With ZSM-12 Structure," by K.M. Reddy, I. Moudrakovski, and A. Sayari, <i>Journal of Chemical Society - Chemical Communications</i> , 1994, pp. 1491-1492                                   |

| FOREIGN SEARCH REPORT (IF IN ENGLISH) Citing ANY OF THE ABOVE REFERENCES |  |
|--|--|
| FOREIGN PATENT OFFICE  |  |
| AU   | International Search Report of 17 May 2004 |
| EXAMINER   | /Prem Singh/                               |
| DATE CONSIDERED  | 01/30/2007                                 |

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|   | APPLICANT<br>N. J. Adams        |                    |
|   | FILING DATE                     | GROUP ART UNIT     |

| REFERENCE DESIGNATION |    | U.S. PATENT DOCUMENTS |      |          |       |          |                            |
|-----------------------|----|-----------------------|------|----------|-------|----------|----------------------------|
| Examiner Initial      |    | Document Number       | Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|                       | BA |                       |      |          |       |          |                            |
|                       | BB |                       |      |          |       |          |                            |
|                       | BC |                       |      |          |       |          |                            |
|                       | BD |                       |      |          |       |          |                            |
|                       | BE |                       |      |          |       |          |                            |
|                       | BF |                       |      |          |       |          |                            |
|                       | BG |                       |      |          |       |          |                            |

| FOREIGN PATENT DOCUMENTS |    |                 |      |         |       |          |                       |
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|                          |    | Document Number | Date | Country | Class | Subclass | Translation<br>Yes No |
|                          | BL |                 |      |         |       |          |                       |
|                          | BM |                 |      |         |       |          |                       |
|                          | BN |                 |      |         |       |          |                       |
|                          | BO |                 |      |         |       |          |                       |

| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |    |   |
|--|----|---|
| PS   | BR | "Synthesis of Gallosilicates-MTW-Type Structure Zeolites: Evidence of Ga-Substituted T Atoms," by Yin-Xing Zhi, A. Tuel, Y. Ben Taarit, and C. Naccache, <i>ZEOLITES</i> , 1992, Vol. 12, February, pp. 138-141 |
| PS   | BS | "Table 2 Channel Dimensions," <i>ZEOLITES</i> , Vol. 17, Numbers 1/2, July/August 1996, pp. 9-15  |
| PS   | BT | "Structure Type Codes, Etc.," <i>ZEOLITES</i> , Vol. 17, Numbers 1/2, July/August 1996, pp. 5-12  |
| PS   |    | "Solvent Dewaxing and Wax Deoiling Processes," Lubricant Base Oil and Wax Processing, by Avilino Sequeira, Jr., Texaco, Inc., Port Arthur, Texas, Marcel Dekker, Inc., pp. 153-193                              |

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|--------------------------|-------------------------------|
| EXAMINER<br>/Prem Singh/ | DATE CONSIDERED<br>01/30/2007 |
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|  | <b>FILING DATE</b>                     | <b>GROUP ART UNIT</b>     |

| REFERENCE DESIGNATION |    | U.S. PATENT DOCUMENTS |          |                        |       |          |                            |
|-----------------------|----|-----------------------|----------|------------------------|-------|----------|----------------------------|
| Examiner Initial      |    | Document No.          | Date     | Patentee               | Class | Subclass | Filing Date if Appropriate |
| PS<br>↓               | AA | 3,354,078             | 11/21/67 | Miale et al.           | 208   | 120      |                            |
|                       | AB | 3,832,449             | 8/27/74  | Rosinski et al.        | 423   | 328      |                            |
|                       | AC | 3,960,705             | 6/1/76   | Garwood et al.         | 208   | 111      |                            |
|                       | AD | 4,016,218             | 4/5/77   | Haag et al.            | 260   | 671 R    |                            |
|                       | AE | 4,269,695             | 5/26/81  | Silk et al.            | 208   | 111      |                            |
|                       | AF | 4,428,819             | 1/31/84  | Shu et al.             | 208   | 46       |                            |
|                       | AG | 4,503,023             | 3/5/85   | Breck, deceased et al. | 423   | 328      |                            |
|                       | AH | 4,557,919             | 12/10/85 | Sumitani et al.        | 423   | 329      |                            |
|                       | AI | 5,015,361             | 5/14/91  | Anthes et al.          | 208   | 111      |                            |

| FOREIGN PATENT DOCUMENTS |    |              |         |                           |       |          |                       |
|--------------------------|----|--------------|---------|---------------------------|-------|----------|-----------------------|
|                          |    | Document No. | Date    | Country                   | Class | Subclass | Translation<br>Yes No |
| PS                       | AL | 0,059,059 B2 | 4/18/90 | Europe (English Abstract) | C01B  | 33/34    |                       |
| PS                       | AM | 0,299,651 A2 | 7/1/88  | Europe                    | C10G  | 11/05    |                       |
| PS                       | AN | 0,536,325 B1 | 9/15/99 | Europe                    | C10G  | 73/38    |                       |
| PS                       | AO | WO 96/07715  | 3/14/96 | World                     | C10G  | 69/02    |                       |

| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |    |  |
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|  | AS |  |
|  | AT |  |

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| REFERENCE DESIGNATION |                 | U.S. PATENT DOCUMENTS |          |                |          |                            |  |
|-----------------------|-----------------|-----------------------|----------|----------------|----------|----------------------------|--|
| Examiner Initial      | Document Number | Date                  | Patentee | Class          | Subclass | Filing Date If Appropriate |  |
| PS                    | BA              | 5,053,117             | 10/1/91  | Kyan et al.    | 208      | 58                         |  |
| PS                    | BB              | 5,157,191             | 10/20/92 | Bowes et al.   | 585      | 533                        |  |
| PS                    | BC              | 5,885,438             | 3/23/99  | Apelian et al. | 208      | 27                         |  |
|                       | BD              |                       |          |                |          |                            |  |
|                       | BE              |                       |          |                |          |                            |  |
|                       | BF              |                       |          |                |          |                            |  |
|                       | BG              |                       |          |                |          |                            |  |
|                       | BH              |                       |          |                |          |                            |  |
|                       | BI              |                       |          |                |          |                            |  |

| FOREIGN PATENT DOCUMENTS |      |             |          |          |             |       |  |
|--------------------------|------|-------------|----------|----------|-------------|-------|--|
| Document Number          | Date | Country     | Class    | Subclass | Translation |       |  |
| Yes                      | No   |             |          |          |             |       |  |
| PS                       | BL   | WO 96/13563 | 5/9/96   | World    | C10G        | 73/00 |  |
| PS                       | BM   | WO 96/41849 | 12/27/96 | World    | C10G        | 45/64 |  |
| PS                       | BN   | WO 00/29511 | 5/25/00  | World    | C10G        | 45/64 |  |
|                          | BO   |             |          |          |             |       |  |

| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |  |
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